

UNIVERSITY OF ILLINOIS CENTENNIAL YEAR 1967-68

WELCOME TO ENGINEERING OPEN HOUSE

This is the centennial year of the University of Illinois and guests of our campus are particularly welcome. Engineering Open House has developed a long established tradition in our College as being the student activity intended to roll out the red carpet and invite visitors from far and near to "be our guests." The exhibits, designed and displayed by students, are intended to show what an interesting and exciting profession engineering has come to be over our first century. We also hope that our demonstrations and explanations will help inform our younger visitors who are interested in becoming engineers. In any case, we hope you will know us better after your visit and our welcome will be so warm you will just have to come again.

W. L. EVERITT
Dean

DEPARTMENTAL CHAIRMEN

Aeronautical Lee S. Puryear	Electrical John Knecht	Theoretical and Applied Mechanics Tom Breuer
Agricultural Engineering Robert Adams	General Arnold B. Bandstra	Industrial Mike O'Connor
Ceramics Thomas G. Carlson	Metallurgy Edward Van Der Molen	Naval Science Charles Tipton
Chemical George A. McConaghy	Mechanical Tim N. Ringler, Stuart Simon	Army William E. Downing
Civil Fred L. Gau	Physics Claus Rode	Air Force Guy Douglas Pfeiffer

CENTRAL COMMITTEE

General Chairman:
Rex Hinkle

Adviser
Prof. Richard Wright

Publicity
Frank S. Morski

Awards and Exhibits
John N. Aldrich

Tours
Robert Giertz

High School Visitation
Martin Potts

Centennial
Fred Streicher

Space
Jorden Libit

Traffic
Mark W. Gernand

Information
Harry Ekdahl

Personnel
Bill Stonich

Safety
Lawrence Leonard

Housing
Ray Klingler

Graphic Arts
Roslind Skirm



ENGINEERING OPEN HOUSE

1967



MARCH 10 9 AM-8 PM

MARCH 11 9 AM-4 PM

TOUR I

MINING AND METALLURGY BUILDING

Rolling Metals
Powder Metallurgy
Diffusion of Radioactive Gold
Solid State Phase Transformations
Crystal Growth
Corrosion Control
Dislocation Structures

ENGINEERING HALL

Computer Applications to Civil Engineering
Railroad Projects
Traffic Planning and Design
Highway Construction
Sanitary Engineering
Hydraulics and Water Resources

ELECTRICAL ENGINEERING BUILDING

Plato
Laser
Radar
G-20 Computer
Satellite
Hi-Fi Systems
Naval Science

TALBOT LABORATORY

Dam Failure Study
Metals Testing
Fatigue and Fracture of Metals
Photoelasticity
Concrete Testing
Programmed Testing Machines

DEPARTMENT OF COMPUTER SCIENCE

Illiac Computers

FOUNDRY AND WOODSHOP

Pouring Metals
Molding Methods
SCARAB Architecture Fraternity

AERONAUTICAL ENGINEERING LABORATORY B

Ram Jet
Supersonic and Subsonic Wind Tunnels
Plasma Jet
NASA Space Exhibit
Orbits and Trajectories

MECHANICAL ENGINEERING LABORATORY

Plasma Chamber
Water Table
Gemini Model
Air Conditioning and Heating Equipment

TOUR II

MECHANICAL ENGINEERING BUILDING

Heat Treatment of Metals
Internal Combustion Engine
Mechanisms
A.S.M.E.
Pi Tau Sigma
Friction Welding
Fast-Buck Factory

TRANSPORTATION BUILDING

Design Projects
Physiological Equipment

CERAMICS BUILDING

Ceramics Coatings
Refractories
Glass Technology
Nuclear Ceramics

PHYSICS BUILDING

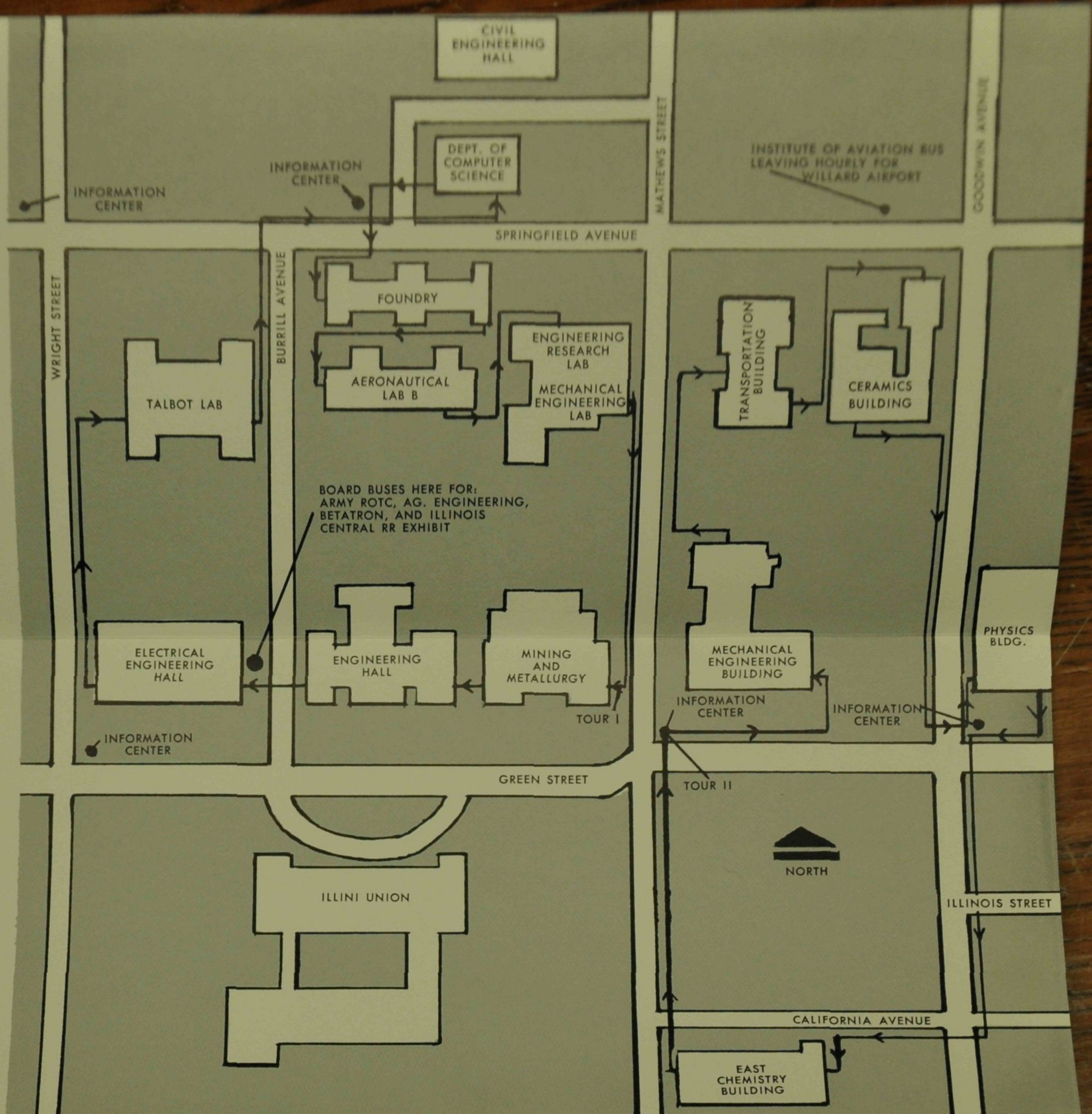
Holograms
Micro Waves
Models: Reactor, Betatron, and Cyclotron
Lasers
Undergraduate Lab Demonstrations
Floating Wire
Super Conductors
Cryogenetics
Junior Engineering and Technical Society

EAST CHEMISTRY BUILDING

Distillation Column
Kinetics of Reactions
Rotary Filter
Chem Magic Show
Chem Pop
Scaled Plant Models
Movies

MATHEWS STREET

Full Scale Gemini Mock-up
Ford Turbine Powered Truck
J-57 Jet Engine
Motorcycle Dynamometer Testing



TOUR THE CAMPUS BY BUS:

Obtain passes at the Information Centers
and board any bus with an EOH sign.

INSTITUTE OF AVIATION BUS STOPS (HOURLY)

BEHIND AERONAUTICAL LAB B
BURRILL AND GREEN
SIXTH AND ARMORY
FOURTH AND GREGORY
FIRST AND GREGORY

SOUTH CAMPUS —

AGRICULTURAL ENGINEERING

TRACTOR DYNAMOMETER TESTING
ODORLESS WASTE DISPOSAL
PILOTLESS PRIME MOVER
WATERSHED HYDRAULICS

ASSEMBLY HALL

PERSHING RIFLE SOCIETY
MILITARY SCIENCE DEPARTMENT

BUS for:

AGRICULTURAL ENGINEERING
ARMY ROTC
BETATRON
ILLINOIS CENTRAL RR EXHIBIT

OPEN HOUSE CENTRAL

- GENERAL INFORMATION
- TOURS AND BUSES INFORMATION

ST. PAT'S BALL

Saturday, March 11, Engineering Council sponsors the annual St. Pat's Ball, from 9 P.M. to 1 A.M. in the Illini Union, Rooms A, B, and C. Music is by Bud Kornat and his Orchestra.

JETS

The Junior Engineering and Technical Society is holding its 15th Annual Exposition and Conference for the Midwest Region and has exhibits in the Physics Building.